

HAI presents:

HUMS and HFDM: Helicopter Health, Usage and Flight Data Monitoring Course at HELI-EXPO 2013

It is common knowledge that a correctly tracked and balanced helicopter M/R & T/R improves the ride, reduces wear, and saves money. However, not everyone knows that it is also beneficial to monitor, record, and trend engine and power train vibrations, operating exceedances, and even entire flights, from start-up to shut-down. Doing so greatly enhances overall quality and safety, while reducing costs.

This course will provide attendees with basic vibration concepts on everything from portable carry-on health monitoring equipment to complex fully on-board factory install systems, such as health and usage monitoring systems (HUMS) and helicopter operations monitoring programs (HOMP). Topics will include: basic vibration concepts; relevant FAA, CAA and EASA regulations and guidelines; advantages of HUMS and helicopter flight data monitoring (HFDM), using case studies; program structure, personnel requirements and training; flight operations quality assurance (FOQA); installations and electrical; how to choose the right program; and future technologies for vibration-health usage monitoring.

This course does not endorse or promote any

Event Details

Sun, Mar 3, 2013 - 8:00 am
Las Vegas Convention Center
3150 Paradise Road
Las Vegas, NV 89109



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Representative Kristin Anderson

manufacturer of helicopter health, usage and flight data monitoring equipment. Nor does this course include content to imply a preference to a particular manufacturer or superiority of any system over another.

Registration is available at <http://www.rotor.com/Events/HELIXPO2013.aspx>. Seats are limited. On-site registration is based on availability.

Desk hours:

Friday, Mar. 1 - 1:00 P.M. to 5:00 P.M.;

Saturday, Mar. 2 through Thursday Mar. 7 – 7:00 A.M. to 5:00 P.M.; and

Friday, Mar. 8 – 7:00 A.M. to 1:00 P.M.

Directions: Classroom: Level 2, North Hall, Room TBD.
Course Registration Desk: Level 2, North Hall, near Room N253.

A message from the National FAASafety Team Manager

Over 10,150 AMTs earned an AMT Award last year. Will you, this year?

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The FAA Safety Team (FAASafety Team) is committed to providing equal access to this meeting/event for all participants. If you need alternative formats or services because of a disability, please communicate your request as soon as possible with the person in the "Contact Information" area of the meeting/event notice. Note that two weeks is usually required to arrange services.